EP 1 054 579 A2

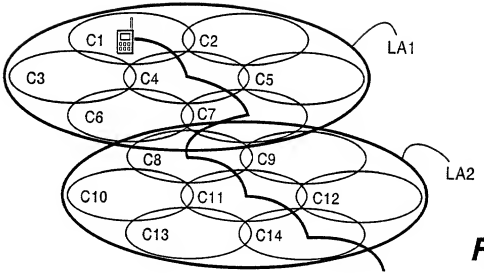


Fig. 1

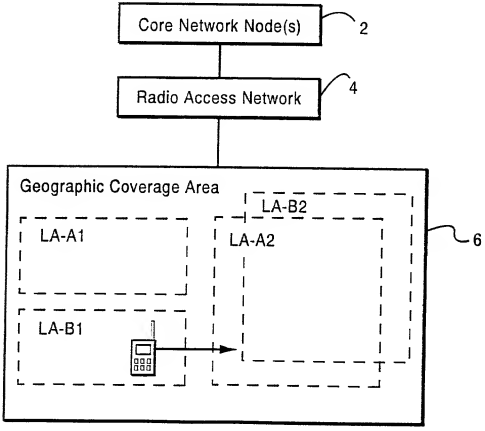


Fig. 2

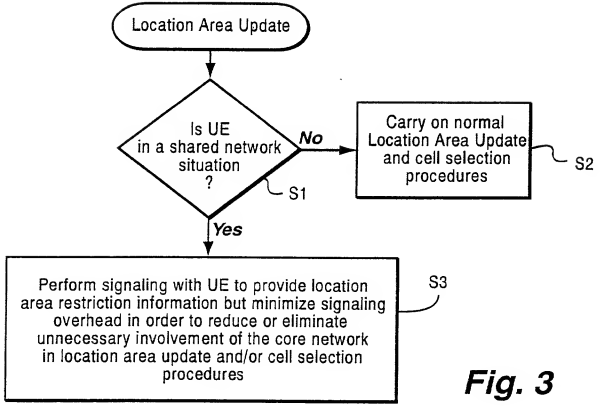

Location Area Update
Is UE in a shared network situation ?
S1
No
Carry on normal Location Area Update and cell selection procedures
S2
Yes
Perform signaling with UE to provide location area restriction information but minimize signaling overhead in order to reduce or eliminate unnecessary involvement of the core network in location area update and/or cell selection procedures
S3

Fig. 3

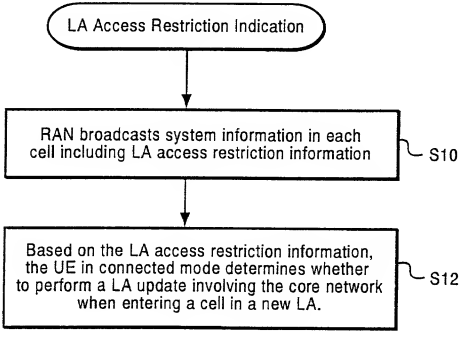

LA Access Restriction Indication
RAN broadcasts system information in each cell including LA access restriction information
S10
Based on the LA access restriction information, the UE in connected mode determines whether to perform a LA update involving the core network when entering a cell in a new LA.
S12

Fig. 4

20010-2559-01502

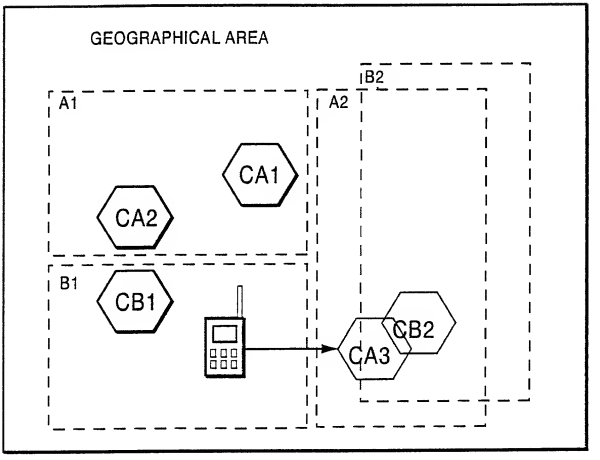
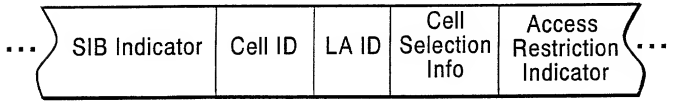


Fig. 5



Fragment of an Example
System Information Block (SIB)

Fig. 11

20070702.135804

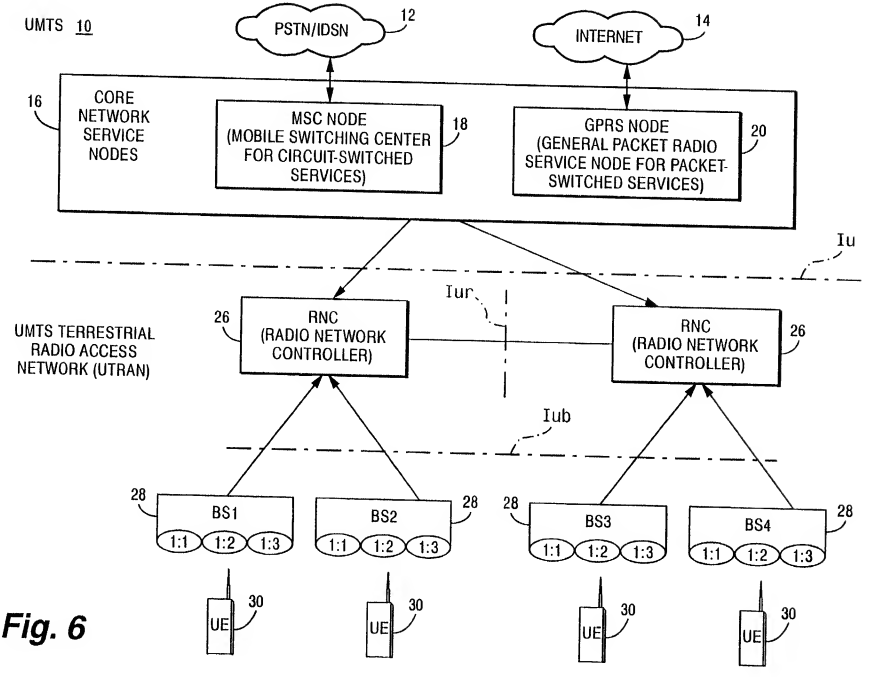


Fig. 6

20040225.1907

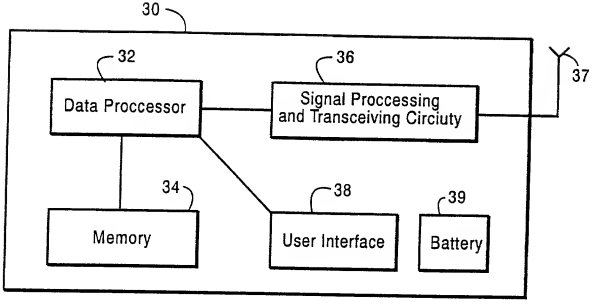


Fig. 7

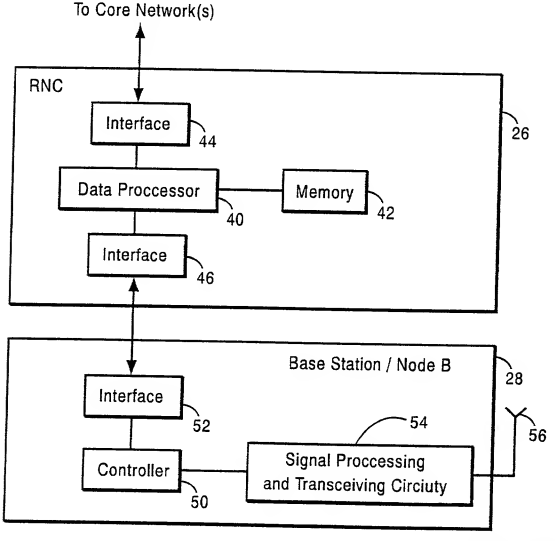


Fig. 8

20370.2598.00

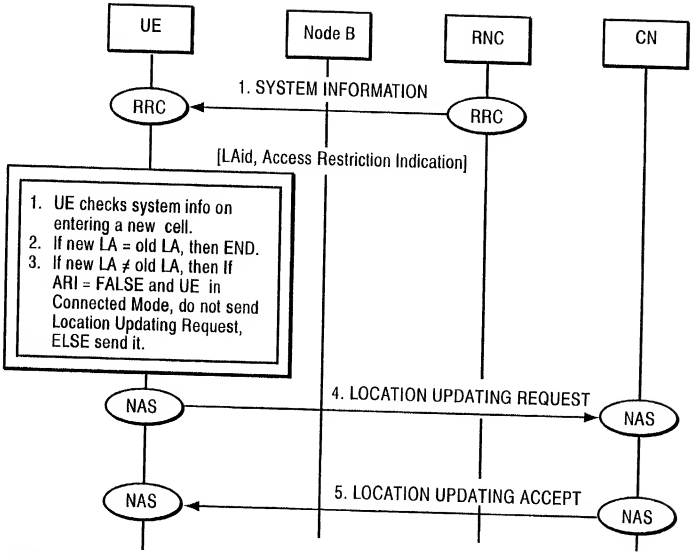


Fig. 9

Successful LA Update

20STTO'E9S9:00T

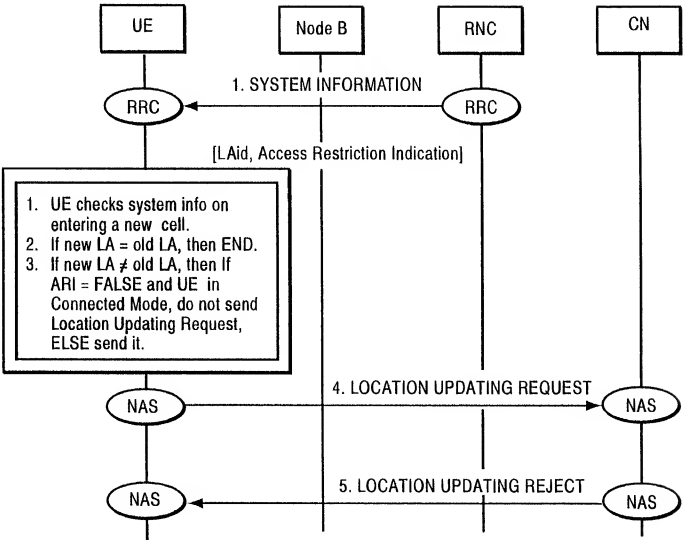


Fig. 10 Usuccessful LA Update